

Nenad Mladenovic

List of Publications by Citations

Source: <https://exaly.com/author-pdf/791978/nenad-mladenovic-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

217
papers

10,163
citations

42
h-index

98
g-index

227
ext. papers

11,382
ext. citations

2.5
avg, IF

6.54
L-index

#	Paper	IF	Citations
217	Variable neighborhood search. <i>Computers and Operations Research</i> , 1997 , 24, 1097-1100	4.6	2418
216	Variable neighborhood search: Principles and applications. <i>European Journal of Operational Research</i> , 2001 , 130, 449-467	5.6	1320
215	Variable neighbourhood search: methods and applications. <i>Annals of Operations Research</i> , 2010 , 175, 367-407	3.2	532
214	The p-median problem: A survey of metaheuristic approaches. <i>European Journal of Operational Research</i> , 2007 , 179, 927-939	5.6	280
213	Variable neighborhood search for the p-median. <i>Location Science</i> , 1997 , 5, 207-226		272
212	Improvements and Comparison of Heuristics for Solving the Uncapacitated Multisource Weber Problem. <i>Operations Research</i> , 2000 , 48, 444-460	2.3	202
211	J-Means: a new local search heuristic for minimum sum of squares clustering. <i>Pattern Recognition</i> , 2001 , 34, 405-413	7.7	193
210	Variable Neighborhood Decomposition Search. <i>Journal of Heuristics</i> , 2001 , 7, 335-350	1.9	182
209	Variable neighbourhood search: methods and applications. <i>4or</i> , 2008 , 6, 319-360	1.4	176
208	Variable Neighborhood Search. <i>Profiles in Operations Research</i> , 2003 , 145-184	1	166
207	Variable neighborhood search: basics and variants. <i>EURO Journal on Computational Optimization</i> , 2017 , 5, 423-454	1.2	153
206	Variable neighborhood search for minimum cost berth allocation. <i>European Journal of Operational Research</i> , 2008 , 191, 636-649	5.6	130
205	Variable neighborhood search and local branching. <i>Computers and Operations Research</i> , 2006 , 33, 3034-3045	4.5	128
204	An Introduction to Variable Neighborhood Search 1999 , 433-458		119
203	A general variable neighborhood search for solving the uncapacitated single allocation p-hub median problem. <i>European Journal of Operational Research</i> , 2010 , 206, 289-300	5.6	111
202	Cooperative Parallel Variable Neighborhood Search for the p-Median. <i>Journal of Heuristics</i> , 2004 , 10, 293-314	1.9	107
201	Pooling Problem: Alternate Formulations and Solution Methods. <i>Management Science</i> , 2004 , 50, 761-776	3.9	101

200	General variable neighborhood search for the continuous optimization. <i>European Journal of Operational Research</i> , 2008 , 191, 753-770	5.6	94
199	A general variable neighborhood search for the one-commodity pickup-and-delivery travelling salesman problem. <i>European Journal of Operational Research</i> , 2012 , 220, 270-285	5.6	92
198	Solving the p-Center problem with Tabu Search and Variable Neighborhood Search. <i>Networks</i> , 2003 , 42, 48-64	1.6	89
197	Variable neighborhood search for location routing. <i>Computers and Operations Research</i> , 2013 , 40, 47-57	4.6	88
196	Solving spread spectrum radar polyphase code design problem by tabu search and variable neighbourhood search. <i>European Journal of Operational Research</i> , 2003 , 151, 389-399	5.6	87
195	Heuristic solution of the multisource Weber problem as a p-median problem. <i>Operations Research Letters</i> , 1998 , 22, 55-62	1	85
194	Variable Neighborhood Search. <i>Profiles in Operations Research</i> , 2010 , 61-86	1	72
193	Reformulation descent applied to circle packing problems. <i>Computers and Operations Research</i> , 2005 , 32, 2419-2434	4.6	65
192	First vs. best improvement: An empirical study. <i>Discrete Applied Mathematics</i> , 2006 , 154, 802-817	1	64
191	An Interior Point Algorithm for Minimum Sum-of-Squares Clustering. <i>SIAM Journal of Scientific Computing</i> , 1999 , 21, 1485-1505	2.6	63
190	Less is more: Basic variable neighborhood search for minimum differential dispersion problem. <i>Information Sciences</i> , 2016 , 326, 160-171	7.7	61
189	Fuzzy J-Means: a new heuristic for fuzzy clustering. <i>Pattern Recognition</i> , 2002 , 35, 2193-2200	7.7	60
188	A new local search for continuous location problems. <i>European Journal of Operational Research</i> , 2014 , 232, 256-265	5.6	55
187	Variable neighborhood search for the maximum clique. <i>Discrete Applied Mathematics</i> , 2004 , 145, 117-125		55
186	Variable Formulation Search for the Cutwidth Minimization Problem. <i>Applied Soft Computing Journal</i> , 2013 , 13, 2242-2252	7.5	53
185	Multi-objective variable neighborhood search: an application to combinatorial optimization problems. <i>Journal of Global Optimization</i> , 2015 , 63, 515-536	1.5	48
184	Variable neighbourhood decomposition search for 0-1 mixed integer programs. <i>Computers and Operations Research</i> , 2010 , 37, 1055-1067	4.6	47
183	Solving large p-median clustering problems by primal-dual variable neighborhood search. <i>Data Mining and Knowledge Discovery</i> , 2009 , 19, 351-375	5.6	45

182	Developments of Variable Neighborhood Search. <i>Operations Research/Computer Science Interfaces Series</i> , 2002 , 415-439	0.3	45
181	New heuristic algorithms for solving the planar p-median problem. <i>Computers and Operations Research</i> , 2015 , 62, 296-304	4.6	44
180	Variable neighborhood search for the economic lot sizing problem with product returns and recovery. <i>International Journal of Production Economics</i> , 2015 , 160, 133-143	9.3	43
179	Variable neighborhood search for the Vertex Separation Problem. <i>Computers and Operations Research</i> , 2012 , 39, 3247-3255	4.6	42
178	Primal-Dual Variable Neighborhood Search for the Simple Plant-Location Problem. <i>INFORMS Journal on Computing</i> , 2007 , 19, 552-564	2.4	42
177	An Oil Pipeline Design Problem. <i>Operations Research</i> , 2003 , 51, 228-239	2.3	42
176	Variable Neighborhood Search 2005 , 211-238		41
175	New exact method for large asymmetric distance-constrained vehicle routing problem. <i>European Journal of Operational Research</i> , 2013 , 226, 386-394	5.6	40
174	Variable neighbourhood search for bandwidth reduction. <i>European Journal of Operational Research</i> , 2010 , 200, 14-27	5.6	40
173	Exact and heuristic solutions of the global supply chain problem with transfer pricing. <i>European Journal of Operational Research</i> , 2010 , 202, 864-879	5.6	40
172	A two phase variable neighborhood search for the multi-product inventory routing problem. <i>Computers and Operations Research</i> , 2014 , 52, 291-299	4.6	38
171	A general variable neighborhood search for solving the uncapacitated (r)-allocation (p)-hub median problem. <i>Optimization Letters</i> , 2017 , 11, 1109-1121	1.1	37
170	Variable neighborhood search for the travelling deliveryman problem. <i>4or</i> , 2013 , 11, 57-73	1.4	37
169	Discrete Particle Swarm Optimization for the minimum labelling Steiner tree problem. <i>Natural Computing</i> , 2010 , 9, 29-46	1.3	37
168	Minimum Sum of Squares Clustering in a Low Dimensional Space. <i>Journal of Classification</i> , 1998 , 15, 37-55.2		37
167	Variable neighbourhood simulated annealing algorithm for capacitated vehicle routing problems. <i>Engineering Optimization</i> , 2014 , 46, 562-579	2	36
166	Sequential variable neighborhood descent variants: an empirical study on the traveling salesman problem. <i>International Transactions in Operational Research</i> , 2017 , 24, 615-633	2.9	35
165	Variable neighborhood search for the heaviest -subgraph. <i>Computers and Operations Research</i> , 2009 , 36, 2885-2891	4.6	35

164	DE-VNS: Self-adaptive Differential Evolution with crossover neighborhood search for continuous global optimization. <i>Computers and Operations Research</i> , 2014 , 52, 157-169	4.6	34
163	Analysis of Global k-Means, an Incremental Heuristic for Minimum Sum-of-Squares Clustering. <i>Journal of Classification</i> , 2005 , 22, 287-310	1.2	33
162	Solving the maximally diverse grouping problem by skewed general variable neighborhood search. <i>Information Sciences</i> , 2015 , 295, 650-675	7.7	32
161	Less is more: basic variable neighborhood search heuristic for balanced minimum sum-of-squares clustering. <i>Information Sciences</i> , 2017 , 415-416, 247-253	7.7	32
160	Variable Neighborhood Search. <i>Profiles in Operations Research</i> , 2019 , 57-97	1	32
159	A continuous variable neighborhood search heuristic for finding the three-dimensional structure of a molecule. <i>European Journal of Operational Research</i> , 2008 , 185, 1265-1273	5.6	31
158	Fast metaheuristics for the discrete (r p)-centroid problem. <i>Automation and Remote Control</i> , 2014 , 75, 677-687	0.6	29
157	Less is more: Solving the Max-Mean diversity problem with variable neighborhood search. <i>Information Sciences</i> , 2017 , 382-383, 179-200	7.7	26
156	Adaptive general variable neighborhood search heuristics for solving the unit commitment problem. <i>International Journal of Electrical Power and Energy Systems</i> , 2016 , 78, 873-883	5.1	26
155	Greedy Randomized Adaptive Search and Variable Neighbourhood Search for the minimum labelling spanning tree problem. <i>European Journal of Operational Research</i> , 2009 , 196, 440-449	5.6	26
154	Attraction probabilities in variable neighborhood search. <i>4or</i> , 2010 , 8, 181-194	1.4	26
153	Variable neighborhood decomposition search for the edge weighted k-cardinality tree problem. <i>Computers and Operations Research</i> , 2004 , 31, 1205-1213	4.6	26
152	Heuristic Procedures for Solving the Discrete Ordered Median Problem. <i>Annals of Operations Research</i> , 2005 , 136, 145-173	3.2	26
151	General variable neighborhood search for the uncapacitated single allocation p-hub center problem. <i>Optimization Letters</i> , 2017 , 11, 377-388	1.1	25
150	A VNS metaheuristic for solving the aircraft conflict detection and resolution problem by performing turn changes. <i>Journal of Global Optimization</i> , 2015 , 63, 583-596	1.5	25
149	New local searches for solving the multi-source Weber problem. <i>Annals of Operations Research</i> , 2016 , 246, 181-203	3.2	25
148	Variable Neighborhood Search 2014 , 313-337		25
147	Design of balanced MBA student teams. <i>Journal of the Operational Research Society</i> , 2005 , 56, 60-66	2	25

146	PERMUTATION-BASED GENETIC, TABU, AND VARIABLE NEIGHBORHOOD SEARCH HEURISTICS FOR MULTIPROCESSOR SCHEDULING WITH COMMUNICATION DELAYS. <i>Asia-Pacific Journal of Operational Research</i> , 2005 , 22, 297-326	0.8	25
145	An efficient General Variable Neighborhood Search for large Travelling Salesman Problem with Time Windows. <i>Yugoslav Journal of Operations Research</i> , 2013 , 23, 19-30	0.9	25
144	Gaussian variable neighborhood search for continuous optimization. <i>Computers and Operations Research</i> , 2012 , 39, 2206-2213	4.6	24
143	Routing of barge container ships by mixed-integer programming heuristics. <i>Applied Soft Computing Journal</i> , 2013 , 13, 3515-3528	7.5	24
142	A basic variable neighborhood search heuristic for the uncapacitated multiple allocation p-hub center problem. <i>Optimization Letters</i> , 2017 , 11, 313-327	1.1	23
141	Packing unit spheres into the smallest sphere using VNS and NLP. <i>Computers and Operations Research</i> , 2013 , 40, 603-615	4.6	23
140	A recipe for finding good solutions to MINLPs. <i>Mathematical Programming Computation</i> , 2011 , 3, 349-397	0.8	23
139	The multi-source Weber problem with constant opening cost. <i>Journal of the Operational Research Society</i> , 2004 , 55, 640-646	2	22
138	Decomposition strategies for large-scale continuous location-allocation problems. <i>IMA Journal of Management Mathematics</i> , 2006 , 17, 307-316	1.4	21
137	Variable neighborhood search for the vertex weighted k-cardinality tree problem. <i>European Journal of Operational Research</i> , 2006 , 171, 74-84	5.6	21
136	Variable Neighborhood Search 2018 , 759-787		21
135	Variable Neighborhood Descent 2018 , 341-367		21
134	Solving the traveling repairman problem with profits: A Novel variable neighborhood search approach. <i>Information Sciences</i> , 2020 , 507, 108-123	7.7	20
133	Solving the maximum min-sum dispersion by alternating formulations of two different problems. <i>European Journal of Operational Research</i> , 2017 , 260, 444-459	5.6	19
132	Variable neighborhood search for metric dimension and minimal doubly resolving set problems. <i>European Journal of Operational Research</i> , 2012 , 220, 328-337	5.6	19
131	Variable neighborhood search for minimum sum-of-squares clustering on networks. <i>European Journal of Operational Research</i> , 2013 , 230, 356-363	5.6	19
130	A restarted and modified simplex search for unconstrained optimization. <i>Computers and Operations Research</i> , 2009 , 36, 3263-3271	4.6	19
129	Degeneracy in the multi-source Weber problem. <i>Mathematical Programming</i> , 1999 , 85, 213-220	2.1	19

128	Solving the capacitated clustering problem with variable neighborhood search. <i>Annals of Operations Research</i> , 2019 , 272, 289-321	3.2	19
127	Skewed general variable neighborhood search for the location routing scheduling problem. <i>Computers and Operations Research</i> , 2015 , 61, 143-152	4.6	18
126	Nested general variable neighborhood search for the periodic maintenance problem. <i>European Journal of Operational Research</i> , 2016 , 252, 385-396	5.6	18
125	A Good Recipe for Solving MINLPs. <i>Annals of Information Systems</i> , 2009 , 231-244		18
124	Variable neighbourhood search for the minimum labelling Steiner tree problem. <i>Annals of Operations Research</i> , 2009 , 172, 71-96	3.2	18
123	Variable neighborhood search for harmonic means clustering. <i>Applied Mathematical Modelling</i> , 2011 , 35, 2688-2694	4.5	18
122	Continuous Variable Neighborhood Search (C-VNS) for Solving Systems of Nonlinear Equations. <i>INFORMS Journal on Computing</i> , 2019 , 31, 235-250	2.4	17
121	Formulation Space Search for Circle Packing Problems. <i>Lecture Notes in Computer Science</i> , 2007 , 212-216	0.9	17
120	Less is more approach: basic variable neighborhood search for the obnoxious p-median problem. <i>International Transactions in Operational Research</i> , 2020 , 27, 480-493	2.9	17
119	Two level General variable neighborhood search for Attractive traveling salesman problem. <i>Computers and Operations Research</i> , 2014 , 52, 341-348	4.6	16
118	New variable neighbourhood search based 0-1 MIP heuristics. <i>Yugoslav Journal of Operations Research</i> , 2015 , 25, 343-360	0.9	16
117	Solving the clique partitioning problem as a maximally diverse grouping problem. <i>Optimization Letters</i> , 2017 , 11, 1123-1135	1.1	14
116	Scheduling preventive railway maintenance activities with resource constraints. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 215-222	0.3	13
115	Solving the planar p-median problem by variable neighborhood and concentric searches. <i>Journal of Global Optimization</i> , 2015 , 63, 501-514	1.5	13
114	General Variable Neighborhood Search for computing graph separators. <i>Optimization Letters</i> , 2017 , 11, 1069-1089	1.1	12
113	Hybrid Self-Adaptive Evolution Strategies Guided by Neighborhood Structures for Combinatorial Optimization Problems. <i>Evolutionary Computation</i> , 2016 , 24, 637-666	4.3	12
112	An efficient GVNS for solving Traveling Salesman Problem with Time Windows. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 83-90	0.3	12
111	Sum-of-squares clustering on networks. <i>Yugoslav Journal of Operations Research</i> , 2011 , 21, 157-161	0.9	12

110	An adaptive perturbation-based heuristic: An application to the continuous p-centre problem. <i>Computers and Operations Research</i> , 2016 , 75, 1-11	4.6	12
109	Ascent-descent variable neighborhood decomposition search for community detection by modularity maximization. <i>Annals of Operations Research</i> , 2019 , 272, 273-287	3.2	12
108	New heuristic for harmonic means clustering. <i>Journal of Global Optimization</i> , 2015 , 63, 427-443	1.5	11
107	A note on duality gap in the simple plant location problem. <i>European Journal of Operational Research</i> , 2006 , 174, 11-22	5.6	11
106	Less is more: Simplified Nelder-Mead method for large unconstrained optimization. <i>Yugoslav Journal of Operations Research</i> , 2018 , 28, 153-169	0.9	11
105	Variable neighborhood search variants for Min-power symmetric connectivity problem. <i>Computers and Operations Research</i> , 2017 , 78, 557-563	4.6	10
104	A variable neighborhood search particle filter for bearings-only target tracking. <i>Computers and Operations Research</i> , 2014 , 52, 192-202	4.6	10
103	Variable Neighbourhood Pump Heuristic for 0-1 Mixed Integer Programming Feasibility. <i>Electronic Notes in Discrete Mathematics</i> , 2010 , 36, 759-766	0.3	10
102	Strong metric dimension: A survey. <i>Yugoslav Journal of Operations Research</i> , 2014 , 24, 187-198	0.9	10
101	Solving the minimum labelling spanning tree problem by intelligent optimization. <i>Applied Soft Computing Journal</i> , 2015 , 28, 440-452	7.5	9
100	A variable neighborhood search for the capacitated location-routing problem 2011 ,		9
99	Parallel Variable Neighborhood Search 2005 , 247-266		9
98	Variable Neighborhood Descent 2016 , 1-27		9
97	Parallel-batching scheduling with nonlinear processing times on a single and unrelated parallel machines. <i>Journal of Global Optimization</i> , 2020 , 78, 693-715	1.5	9
96	Complement to a comparative analysis of heuristics for the p-median problem. <i>Statistics and Computing</i> , 2008 , 18, 41-46	1.8	8
95	Solving multifacility Huff location models on networks using metaheuristic and exact approaches. <i>Computers and Operations Research</i> , 2017 , 78, 537-546	4.6	7
94	New VNP for automatic programming. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 191-198	0.3	7
93	Edge-ratio network clustering by Variable Neighborhood Search. <i>European Physical Journal B</i> , 2014 , 87, 1	1.2	7

92	Hybrid Variable Neighbourhood Decomposition Search for 0-1 Mixed Integer Programming Problem. <i>Electronic Notes in Discrete Mathematics</i> , 2010 , 36, 883-890	0.3	7
91	The maximum return-on-investment plant location problem with market share. <i>Journal of the Operational Research Society</i> , 2008 , 59, 399-406	2	7
90	A note on reduction of quadratic and bilinear programs with equality constraints. <i>Journal of Global Optimization</i> , 2002 , 22, 39-47	1.5	7
89	Variable and single neighbourhood diving for MIP feasibility. <i>Yugoslav Journal of Operations Research</i> , 2016 , 26, 131-157	0.9	7
88	Using injection points in reformulation local search for solving continuous location problems. <i>Yugoslav Journal of Operations Research</i> , 2017 , 27, 291-300	0.9	7
87	Less is more: variable neighborhood search for integrated production and assembly in smart manufacturing. <i>Journal of Scheduling</i> , 2020 , 23, 649-664	1.6	7
86	New MIP model for multiprocessor scheduling problem with communication delays. <i>Optimization Letters</i> , 2017 , 11, 1091-1107	1.1	6
85	New Hybrid Matheuristics for Solving the Multidimensional Knapsack Problem. <i>Lecture Notes in Computer Science</i> , 2010 , 118-132	0.9	6
84	Local and variable neighborhood search for the k-cardinality subgraph problem. <i>Journal of Heuristics</i> , 2008 , 14, 501-517	1.9	6
83	A Hybrid Genetic and Variable Neighborhood Descent for Probabilistic SAT Problem. <i>Lecture Notes in Computer Science</i> , 2005 , 42-53	0.9	6
82	J-means and I-means for minimum sum-of-squares clustering on networks. <i>Optimization Letters</i> , 2017 , 11, 359-376	1.1	5
81	Editorial to the Special Cluster on Variable Neighborhood Search, Variants and Recent Applications. <i>International Transactions in Operational Research</i> , 2017 , 24, 507-508	2.9	5
80	Continuous variable neighbourhood search with modified Nelder-Mead for non-differentiable optimization. <i>IMA Journal of Management Mathematics</i> , 2016 , 27, 75-88	1.4	5
79	NP-Hardness of balanced minimum sum-of-squares clustering. <i>Pattern Recognition Letters</i> , 2017 , 97, 44-45	4.7	5
78	Solving Multifacility Huff Location Models on Networks Using Variable Neighborhood Search and Multi-Start Local Search Metaheuristics. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 121-128	0.3	5
77	Generating good starting solutions for the p-median problem in the plane. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 225-232	0.3	5
76	Sequential clustering with radius and split criteria. <i>Central European Journal of Operations Research</i> , 2013 , 21, 95-115	2.2	5
75	Variable neighbourhood search for colour image quantization. <i>IMA Journal of Management Mathematics</i> , 2007 , 18, 207-221	1.4	5

74	VNDS for the min-power symmetric connectivity problem. <i>Optimization Letters</i> , 2019 , 13, 1897-1911	1.1	5
73	Revenue maximization of Internet of things provider using variable neighbourhood search. <i>Journal of Global Optimization</i> , 2020 , 78, 375-396	1.5	4
72	Multistart Branch and Bound for Large Asymmetric Distance-Constrained Vehicle Routing Problem. <i>Springer Proceedings in Mathematics and Statistics</i> , 2013 , 15-38	0.2	4
71	Variable neighborhood search for minimum linear arrangement problem. <i>Yugoslav Journal of Operations Research</i> , 2016 , 26, 3-16	0.9	4
70	A Smart Pool Search Matheuristic for Solving a Multi-objective Microgrid Storage Planning Problem. <i>Energy Procedia</i> , 2016 , 103, 292-297	2.3	4
69	A non-triangular hub location problem. <i>Optimization Letters</i> , 2020 , 14, 1107-1126	1.1	4
68	Variable Neighborhood Search for the Probabilistic Satisfiability Problem 2007 , 173-188		4
67	Variable Neighborhood Search for the K-Cardinality Tree. <i>Applied Optimization</i> , 2003 , 481-500		4
66	On the aircraft conflict resolution problem: A VNS approach in a multiobjective framework. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 151-158	0.3	3
65	Variable Neighborhood Search-Based Heuristics for Min-Power Symmetric Connectivity Problem in Wireless Networks. <i>Lecture Notes in Computer Science</i> , 2016 , 220-232	0.9	3
64	Variable neighborhood search for the strong metric dimension problem. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 51-57	0.3	3
63	Extension of the Weiszfeld procedure to a single facility minimum location model with mixed \mathbb{L}_p norms. <i>Mathematical Methods of Operations Research</i> , 2009 , 70, 269-283	1	3
62	A variable neighborhood search based algorithm for finite-horizon Markov Decision Processes. <i>Applied Mathematics and Computation</i> , 2010 , 217, 3480-3492	2.7	3
61	A separable approximation dynamic programming algorithm for economic dispatch with transmission losses. <i>Yugoslav Journal of Operations Research</i> , 2002 , 12, 157-166	0.9	3
60	Variable neighborhood formulation search approach for the multi-item capacitated lot-sizing problem with time windows and setup times. <i>Yugoslav Journal of Operations Research</i> , 2017 , 27, 301-322 ^{0.9}	0.9	3
59	Variable neighbourhood search for financial derivative problem. <i>Yugoslav Journal of Operations Research</i> , 2019 , 29, 359-373	0.9	3
58	Variable Neighborhood Search 2016 , 77-98		3
57	Comparison of metaheuristics for the k-labeled spanning forest problem. <i>International Transactions in Operational Research</i> , 2017 , 24, 559-582	2.9	2

56	A performance study on multi improvement neighborhood search strategy. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 199-206	0.3	2
55	On Strategies to Fix Degenerate k-means Solutions. <i>Journal of Classification</i> , 2017 , 34, 165-190	1.2	2
54	Clustering approach in maintenance of capillary railway network. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 239-246	0.3	2
53	Less Is More: Tabu Search for Bipartite Quadratic Programming Problem. <i>Lecture Notes in Computer Science</i> , 2019 , 390-401	0.9	2
52	Variable neighborhood search for stochastic linear programming problem with quantile criterion. <i>Journal of Global Optimization</i> , 2019 , 74, 549-564	1.5	2
51	Clustering cities based on their development dynamics and Variable neighborhood search. <i>Electronic Notes in Discrete Mathematics</i> , 2015 , 47, 213-220	0.3	2
50	Variable Neighborhood Descent for the Capacitated Clustering Problem. <i>Lecture Notes in Computer Science</i> , 2016 , 336-349	0.9	2
49	Intelligent variable neighbourhood search for the minimum labelling spanning tree problem. <i>Electronic Notes in Discrete Mathematics</i> , 2013 , 41, 399-406	0.3	2
48	Continuous Optimization by Variable Neighborhood Search 2015 , 1-13		2
47	A Variable Neighbourhood Search approach to the Cutwidth Minimization Problem. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 67-74	0.3	2
46	VNS based algorithm for solving a 0-1 nonlinear nonconvex model for the Collision Avoidance in Air Traffic Management. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 115-120	0.3	2
45	Maximizing edge-ratio is NP-complete. <i>Discrete Applied Mathematics</i> , 2011 , 159, 2276-2280	1	2
44	Variable Neighbourhood Decomposition Search with Bounding for Multidimensional Knapsack Problem. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 2018-2022		2
43	Variable Neighbourhood Search. <i>Operations Research / Computer Science Interfaces Series</i> , 2006 , 71-86	0.3	2
42	Variable Neighborhood Search 2016 , 1-29		2
41	An efficient heuristic for a hub location routing problem. <i>Optimization Letters</i> , 2020 , 1	1.1	2
40	A New Sentence-Based Interpretative Topic Modeling and Automatic Topic Labeling. <i>Symmetry</i> , 2021 , 13, 837	2.7	2
39	Exponential quality function for community detection in complex networks. <i>International Transactions in Operational Research</i> , 2020 , 27, 245-266	2.9	2

38	A survey on the applications of variable neighborhood search algorithm in healthcare management. <i>Annals of Mathematics and Artificial Intelligence</i> , 2021 , 89, 741-775	0.8	2
37	Solving a multiple-qualifications physician scheduling problem with multiple types of tasks by dynamic programming and variable neighborhood search. <i>Journal of the Operational Research Society</i> , 1-16	2	2
36	A variable neighborhood search for the last-mile delivery problem during major infectious disease outbreak. <i>Optimization Letters</i> , 2021 , 1-21	1.1	2
35	A general framework for nested variable neighborhood search. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 159-166	0.3	1
34	On the k-Medoids Model for Semi-supervised Clustering. <i>Lecture Notes in Computer Science</i> , 2019 , 13-27	0.9	1
33	Using a Variable Neighborhood Search to Solve the Single Processor Scheduling Problem with Time Restrictions. <i>Lecture Notes in Computer Science</i> , 2019 , 202-215	0.9	1
32	Fitting censored quantile regression by variable neighborhood search. <i>Journal of Global Optimization</i> , 2015 , 63, 481-500	1.5	1
31	Variable neighborhood programming for symbolic regression. <i>Optimization Letters</i> , 2020 , 1	1.1	1
30	A Variable Neighborhood Search (VNS) metaheuristic for Multiprocessor Scheduling Problem with Communication Delays 2015 ,		1
29	How the Health-Care Expenditure Influences the Life Expectancy: Case Study on Russian Regions 2021 , 71-82		1
28	Solving the Capacitated Dispersion Problem with variable neighborhood search approaches: From basic to skewed VNS. <i>Computers and Operations Research</i> , 2022 , 139, 105622	4.6	1
27	A heuristic hybrid framework for vector job scheduling. <i>Yugoslav Journal of Operations Research</i> , 2017 , 27, 31-45	0.9	1
26	Review of Basic Local Searches for Solving the Minimum Sum-of-Squares Clustering Problem. <i>Springer Optimization and Its Applications</i> , 2018 , 249-270	0.4	1
25	Industrial Applications of the Variable Neighborhood Search Metaheuristic. <i>Advances in Computational Management Science</i> , 2002 , 261-273		1
24	Decomposition/Aggregation K-means for Big Data. <i>Communications in Computer and Information Science</i> , 2020 , 409-420	0.3	0
23	Less is more approach in optimization: a road to artificial intelligence. <i>Optimization Letters</i> , 1	1.1	0
22	Intelligent Optimization for the Minimum Labelling Spanning Tree Problem. <i>Lecture Notes in Computer Science</i> , 2013 , 19-23	0.9	0
21	Less Is More Approach in Heuristic Optimization 2022 , 469-499		0

20	Variable Neighborhood Search for a Two-Stage Stochastic Programming Problem with a Quantile Criterion. <i>Automation and Remote Control</i> , 2019 , 80, 43-52	0.6
19	Preventive maintenance planning of railway infrastructure by reduced variable neighborhood programming. <i>Optimization Letters</i> , 2020 , 1	1.1
18	Efficient heuristics for the minimum labeling global cut problem. <i>Electronic Notes in Discrete Mathematics</i> , 2018 , 66, 23-30	0.3
17	Integer Programming Based Approaches for Multi-Trip Location Routing. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2016 , 79-90	0.4
16	A large neighbourhood search heuristic for covering designs. <i>IMA Journal of Management Mathematics</i> , 2016 , 27, 89-106	1.4
15	Local and Variable Neighborhood Searches for Solving the Capacitated Clustering Problem. <i>Springer Optimization and Its Applications</i> , 2017 , 33-55	0.4
14	Frontal Recess Mucocele Associated with Osteoma: Case Report. <i>Acta Facultatis Medicae Naissensis</i> , 2012 , 29, 199-203	0.2
13	Solving 0-1 Mixed Integer Programs with Variable Neighbourhood Decomposition Search. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 2012-2017	
12	Preface to the special issue on variable neighborhood search. <i>Optimization Letters</i> , 1	1.1
11	Efficient flow models for the uncapacitated multiple allocation p-hub median problem on non-triangular networks. <i>Computers and Industrial Engineering</i> , 2021 , 162, 107723	6.4
10	Less Is More: The Neighborhood Guided Evolution Strategies Convergence on Some Classic Neighborhood Operators. <i>Lecture Notes in Computer Science</i> , 2019 , 77-88	0.9
9	Maximally Diverse Grouping and Clique Partitioning Problems with Skewed General Variable Neighborhood Search. <i>Springer Proceedings in Mathematics and Statistics</i> , 2016 , 3-38	0.2
8	Preface to the special issue [CVNS 2018] <i>Journal of Global Optimization</i> , 2020 , 78, 239-240	1.5
7	New MIP model for Multiprocessor Scheduling Problem with Communication Delays. <i>Springer Optimization and Its Applications</i> , 2018 , 129-149	0.4
6	Simplicial Vertex Heuristic in Solving the Railway Arrival and Departure Paths Assignment Problem. <i>Lecture Notes in Computer Science</i> , 2021 , 123-137	0.9
5	Variable Neighborhood Programming as a Tool of Machine Learning. <i>Springer Optimization and Its Applications</i> , 2021 , 221-271	0.4
4	A general variable neighborhood search approach for the minimum load coloring problem. <i>Optimization Letters</i> , 1	1.1
3	A mixed integer linear programming model and a basic variable neighbourhood search algorithm for the repatriation scheduling problem.. <i>Expert Systems With Applications</i> , 2022 , 198, 116728	7.8

- 2 Dispersion Problem Under Capacity and Cost Constraints: Multiple Neighborhood Tabu Search.
Lecture Notes in Computer Science, **2022**, 108-122 0.9
- 1 Formulation Space Search Metaheuristic **2022**, 405-445